

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 19-Nov-14

Time 3:45 PM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 027 Const Calendar Day: 86 Date: 03-Dec-2009 Thursday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: 07-Jan-10 Status: Approved

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**General Comments**

ITEM 52 FURNISH STRUCTURAL STEEL (BRIDGE)(TOWER);  
ITEM 55 FURNISH STRUCTURAL STEEL (BRIDGE)(BOX GIRDER);  
HIGH STRENGTH FASTENER ASSEMBLY PRE-INSTALLATION TESTING:

At Pier 7 Warehouse, test rotational capacity, minimum tension verification, and inspection torque for high strength bolts. These bolts are for OBG field bolting. Caltrans witnessing of bolt testing is by Aaron Prchlik.

Six (6) lots are tested today. They are M22x75, M22x80, and M22x90 A325M mechanically galvanized. The LeJeune Lot numbers are DHGM220060, DHGM220061, DHGM220063, DHGM220064, DHGM220065, and DHGM220066. For each lot, five (5) assemblies are tested.

For lot number DHGM220064 (M22x80), 2 of the 5 bolts tested fail. This issue is not resolved today and will be addressed in the future - see 1/7/2010 diary for additional testing and resolution of this issue.

Equipment = Bolt Testing Conex ABF ID 002079 and Skidmore Model HT 4000 ABF ID 000612.

For ABF, engineers Chris Bausone and Sabrina Levine are present.

Testing is from 1230 to 1500 in the afternoon for 2.5 hours.

See the attached Bolt Test Form for details of the testing.

